

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	123	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:35
S2	144	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S3	62	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S4	102	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S5	81	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S6	129	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:17
S7	283	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S8	47	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S9	250	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52

## EAST Search History

S10	213	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S11	250	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S12	250	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S13	250	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S14	538	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S15	213	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S16	196	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S17	268	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S18	267	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52
S19	363	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:52

## EAST Search History

S20	363	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:53
S21	310	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 10:54
S22	3	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 11:01
S23	8	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 11:03
S24	45	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 11:03
S25	26	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 11:03
S26	10	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/29 15:38
S27	16	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:23
S28	7373	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:24
S29	637	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:24

## EAST Search History

S30	74	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:25
S31	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:27
S32	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:59
S33	5	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 10:02
S34	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 10:02
S35	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/30 11:21
S36	9	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/30 11:21
S37	6	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 15:28
S38	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 15:28
S39	6	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 15:28

## EAST Search History

S40	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 11:40
S41	137	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 09:08
S42	160	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S43	64	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S44	110	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S45	85	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S46	48	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S47	296	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:39
S48	129	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S49	252	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06

## EAST Search History

S50	220	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S51	252	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S52	252	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S53	252	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S54	560	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S55	220	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S56	202	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S57	280	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S58	270	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S59	387	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06

## EAST Search History

S60	387	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S61	361	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S62	3	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S63	8	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S64	49	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S65	31	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S66	10	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S67	16	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S68	7723	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S69	661	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06

## EAST Search History

S70	80	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S71	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S72	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S73	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S74	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S75	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/30 12:06
S76	17	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/30 12:06
S77	8	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S78	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S79	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06

## EAST Search History

S80	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/30 12:06
S81	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:36
S82	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:37
S83	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:37
S84	1725991	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:39
S85	3299	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:39
S86	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:39
S87	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:40
S88	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:40
S89	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:40

## EAST Search History

S90	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:40
S91	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 21:40
S92	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:40
S93	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:40
S94	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:43
S95	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:59
S96	16	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:00
S97	54	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:59
S98	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:59
S99	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:59

## EAST Search History

S10 0	54	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 21:59
S10 1	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:04
S10 2	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 09:00
S10 3	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:04
S10 4	208	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:05
S10 5	141	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:05
S10 6	18	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/29 09:05
S10 7	200	(dense adj sintering)". and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 09:08
S10 8	95	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 09:08
S10 9	95	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 09:08

## EAST Search History

S11 0	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 09:25
S11 1	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:10
S11 2	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:13
S11 3	20	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:13
S11 4	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:14
S11 5	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:15
S11 6	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:16
S11 7	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:16
S11 8	142	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S11 9	165	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S12 0	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 1	113	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 2	87	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 3	49	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 4	299	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 5	130	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 6	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 7	225	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 8	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S12 9	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S13 0	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 1	564	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 2	225	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 3	205	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 4	283	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 5	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 6	392	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 7	392	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 8	373	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S13 9	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S14 0	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 1	49	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 2	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 3	10	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 4	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 5	7863	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 6	674	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 7	83	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 8	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S14 9	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S15 0	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 1	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 2	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 15:04
S15 3	20	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 15:04
S15 4	8	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 5	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 6	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 7	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 8	142	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S15 9	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S16 0	225	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 1	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 2	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 3	254	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 4	564	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 5	225	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 6	205	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 7	283	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 8	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S16 9	392	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S17 0	392	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 1	373	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 2	7863	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 3	674	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 4	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 5	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 6	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 7	87	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 8	49	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S17 9	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S18 0	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 1	49	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 2	34	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 3	10	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 4	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 5	83	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 6	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 7	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 8	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S18 9	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S19 0	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 15:04
S19 1	20	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 15:04
S19 2	8	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 3	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 4	165	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 5	113	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 6	130	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 7	299	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 8	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S19 9	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S20 0	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 1	1728853	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 2	3309	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 3	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 4	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 5	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 7	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 8	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S20 9	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04

## EAST Search History

S21 0	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 1	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 2	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 3	16	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 4	54	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 5	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 7	54	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 8	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S21 9	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/07 15:04

## EAST Search History

S22 0	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S22 1	208	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S22 2	141	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S22 3	18	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/07 15:04
S22 4	200	(dense adj sintering)". and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S22 5	95	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S22 6	95	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S22 7	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S22 8	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S22 9	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04

## EAST Search History

S23 0	20	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S23 1	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S23 2	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S23 3	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S23 4	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:04
S23 5	16	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:24
S23 6	20	"634149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:25
S23 7	35	"160797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/07 15:26